

# **EXHIBIT A**

Name	Accession	Group	Family	Subfamily	Pseudogene?
A6	SK001	Other	AGC		N
ABL	SK006	TK	ABL		N
CK1aps3	SK007	CK	CK1		Y
ACK	SK009	TK	ACK		N
ACTR2	SK010	TKL	STKRP	Type2	N
ACTR2B	SK011	TKL	STKRP	Type2	N
ADCK4	SK013	AGC1	ABC1	ABC1A	N
Trb1	SK014	TK	Trb1		N
BRSK2	SK015	TK	BARK	BRSK	N
Wnk2	SK016	Other	WNK		N
MARKps27	SK017	MARK	CAMK	CAMK	Y
AKT1	SK018	TKL	AKT		N
AKT2	SK019	TKL	AKT		N
AKT3	SK020	AGC	AKT		N
CaMK1g	SK021	CAMK	CAMK		N
MARKps28	SK022	CAMK	CAMK	CAMK	Y
ALK	SK024	TKL	ALK		N
ALK1	SK025	TKL	STKRP	Type1	N
ALK2	SK026	TKL	STKRP	Type1	N
BMPR1A	SK027	TKL	STKRP	Type1	N
ALK4	SK028	TKL	STKRP	Type1	N
TGFbR1	SK029	TKL	STKRP	Type1	N
BMPR1B	SK030	TKL	STKRP	Type1	N
AMPKa1	SK032	CAMK	CAMK	AMPK	N
AMPKa2	SK033	CAMK	CAMK	AMPK	N
ANP <sub>a</sub>	SK034	RGC	RGC		N
ANP <sub>b</sub>	SK035	RGC	RGC		N
ARAF	SK036	TKL	RAF		N
ARG	SK037	TKL	Arg		N
ATM	SK038	ATypical	PIKK	ATM	N
ATR	SK039	ATypical	PIKK	ATR	N
AurBps1	SK040	Other	AUR		Y
AurAps1	SK041	Other	AUR		Y
AurAps2	SK042	Other	AUR		Y
AurC	SK043	Other	AUR		N
AXL	SK044	TK	AXL		N
BARK1	SK045	AGC	CRK	BARK	N
BCKDK	SK046	ATypical	PDHKK		N
BCR	SK047	ATypical	BCR		N
GCK	SK048	STE	STE20	KHS	N
BLK	SK049	TK	Sic		N
BRAF	SK050	TKL	RAF		N
BRK	SK051	TK	Sic		N
BTK	SK052	TK	Tec		N
BUBR1	SK053	Other	BUB		N
CDK7	SK055	CMGC	CDK7	CDK7	N
CaMK1a	SK056	CAMK	CAMK1		N
CaMK2a	SK057	CAMK	CAMK2		N
CaMK2b	SK058	CAMK	CAMK2		N
CaMK2g	SK060	CAMK	CAMK2		N
CaMK4	SK061	CAMK	CAMK1		N

VACAMKL	SK062	CAMK	CAMK	CaM	N
DCAMKL1	SK063	CAMK	DCAMKL	CaM	N
CASK	SK064	CAMK	CASK	CaM	N
CDC2	SK065	CMGC	CDK	CDK2	N
CDC7	SK066	CMGC	CDC7	CDC2	N
CDK2	SK067	CMGC	CDK	CDK2	N
CDK3	SK068	CMGC	CDK	CDK2	N
CDK4	SK069	CMGC	CDK	CDK4	N
CDK5	SK070	CMGC	CDK	CDK5	N
CDK6	SK071	CMGC	CDK	CDK4	N
CDK8	SK072	CMGC	CDK	CDK8	N
PKG1	SK073	ACG	PKG	PKG	N
PKG2	SK075	ACG	PKG	PKG	N
CHED	SK076	CMGC	CDK	CDK2	N
CHK1	SK078	CAMK	CHK1	CHK1	N
CHK2	SK079	CAMK	CHK2	CHK2	N
CK1a	SK082	CK	CK1a	CK1a	N
CK1d	SK083	CK	CK1d	CK1d	N
CK1e	SK084	CK	CK1e	CK1e	N
CK1g2	SK086	CK	CK1g2	CK1g2	N
CK1g3	SK087	CK	CK1g3	CK1g3	N
CK2a1	SK088	CK2	CK2	CK2	N
CK2a2	SK089	CK2	CK2	CK2	N
CLK1	SK090	CMGC	CLK	CLK	N
CLK2	SK091	CMGC	CLK	CLK	N
CLK3	SK092	CMGC	CLK	CLK	N
COT	SK093	STE	STE Unique	STE	N
FMS	SK094	TK	PDGFR	PDGFR	N
CSK	SK095	TK	CSK	CSK	N
MARK3	SK096	CAMK	CAMK	MARK	N
CYGD	SK097	RGC	RGC	RGC	N
CYGF	SK099	RGC	RGC	RGC	N
DAPK1	SK103	CAMK	DAPK	DAPK	N
DAPK2	SK104	CAMK	DAPK	DAPK	N
DLK	SK110	TKL	MLK	MLK	N
DMPK1	SK111	ACG	DMPK	GEK	N
DMPK2	SK112	ACG	DMPK	GEK	N
DNAPK	SK113	Andican	PIKK	DNAPK	N
DYRK1B	SK114	CMGC	DYRK	Dyrk1B	N
DYRK2	SK115	CMGC	DYRK	Dyrk2	N
DYRK4	SK116	CMGC	DYRK	Dyrk2	N
eEF2K	SK117	Alloical	Alloical	eEF2K	N
EGFR	SK118	TK	EGFR	EGFR	N
PKR	SK119	Other	PEK	PKR	N
MARK2	SK120	CAMK	CAMK	MARK	N
Epha1	SK121	TK	Eph	Eph	N
Epha2	SK122	TK	Eph	Eph	N
Epha3	SK123	TK	Eph	Eph	N
Epha4	SK124	TK	Eph	Eph	N
Epha5	SK125	TK	Eph	Eph	N
Epha8	SK126	TK	Eph	Eph	N
EphB1	SK127	TK	Eph	Eph	N

EphB2	SK128	CMGC	MAPK	JNK
EphB3	SK129	CMGC	MAPK	JNK
EphB4	SK130	CMGC	MAPK	JNK
EphB6	SK132	CMGC	MAPK	JNK
Erk1	SK134	CMGC	MAPK	JNK
Erk2	SK135	CMGC	MAPK	JNK
Erk3	SK136	CMGC	MAPK	JNK
Erk4	SK137	CMGC	MAPK	JNK
FAK	SK138	CMGC	MAPK	JNK
FASTK	SK139	CMGC	MAPK	JNK
FER	SK140	CMGC	MAPK	JNK
FERps	SK141	CMGC	MAPK	JNK
FES	SK142	CMGC	MAPK	JNK
FGFR1	SK143	CMGC	MAPK	JNK
FGFR2	SK144	CMGC	MAPK	JNK
FGFR3	SK145	CMGC	MAPK	JNK
FGFR4	SK147	CMGC	MAPK	JNK
FGR	SK148	CMGC	MAPK	JNK
FLT3	SK149	CMGC	MAPK	JNK
FLT1	SK150	CMGC	MAPK	JNK
FLT4	SK151	CMGC	MAPK	JNK
FRAP	SK152	CMGC	MAPK	JNK
FYN	SK153	CMGC	MAPK	JNK
GAK	SK155	CMGC	MAPK	JNK
GPRK4	SK156	CMGC	MAPK	JNK
GPRK5	SK157	CMGC	MAPK	JNK
GPRK6	SK158	CMGC	MAPK	JNK
Trb2	SK160	CMGC	MAPK	JNK
GSK3A	SK162	CMGC	MAPK	JNK
GSK3B	SK163	CMGC	MAPK	JNK
HCK	SK164	CMGC	MAPK	JNK
HER2/ErbB2	SK166	CMGC	MAPK	JNK
HER3/ErbB3	SK167	CMGC	MAPK	JNK
HER4/ErbB4	SK168	CMGC	MAPK	JNK
HIPK1	SK169	CMGC	MAPK	JNK
HPK1	SK170	CMGC	MAPK	JNK
HSER	SK171	CMGC	MAPK	JNK
IGF1R	SK174	CMGC	MAPK	JNK
IKK $\alpha$	SK175	CMGC	MAPK	JNK
IKK $\beta$	SK176	CMGC	MAPK	JNK
ILK	SK177	CMGC	MAPK	JNK
INSR	SK178	CMGC	MAPK	JNK
IRAK1	SK179	CMGC	MAPK	JNK
IRAK2	SK180	CMGC	MAPK	JNK
IRAK3	SK181	CMGC	MAPK	JNK
IRE1	SK182	CMGC	MAPK	JNK
IRR	SK183	CMGC	MAPK	JNK
ITK	SK184	CMGC	MAPK	JNK
JAK1	SK185	CMGC	MAPK	JNK
JAK2	SK186	CMGC	MAPK	JNK
JAK3	SK187	CMGC	MAPK	JNK
JNK1	SK188	CMGC	MAPK	JNK





PRKX	SK313	AKT	PKA	
HIPK3	SK314	CMGC	DKK	
PLK1	SK315	SK315	PLX	
PLK3	SK316	SK316	PLX	
PKN1	SK317	SK317	PLX	
PKN2	SK318	SK318	PLX	
PRKXps	SK319	SK319	PLX	
PRKY	SK320	SK320	PLX	
PRP4	SK321	CMGC	DKK	PRP4
PSKH1	SK322	SK322	PSK	
RAF1	SK324	SK324	RAF	
RAF1ps	SK325	SK325	RAF	
RET	SK326	SK326	RET	
RHOK	SK327	SK327	RHO	CRK
RIPK1	SK328	SK328	RIPK	
RIPK2	SK329	SK329	RIPK	
RIPK3	SK330	SK330	RIPK	
ROCK1	SK331	SK331	CMGK	ROCK
RON	SK332	SK332	RON	
ROR1	SK333	SK333	ROR1	
ROR2	SK334	SK334	ROR2	
ROS	SK335	SK335	ROS	
RSK1	SK336	SK336	RSK	
RSK2	SK337	SK337	RSK	
RSK3	SK338	SK338	RSK	
RYK	SK340	SK340	RYK	
PLK4	SK341	Other	PLK	
p38b	SK342	CMGC	MAPK	p38
p38g	SK343	CMGC	MAPK	p38
p38d	SK344	CMGC	MAPK	p38
MAST1	SK345	CMGC	MAST	
SGK	SK346	SK346	SGK	
MAP2K1ps	SK347	STE	S11E	
SLK	SK348	STE	S11E20	SLK
PLK2	SK353	Other	PLK	
MLK3	SK356	MLK	MLK	MLK
SRC	SK357	MLK	MLK	MLK
SRPK1	SK358	CMGC	SRPK	
SRPK2	SK359	CMGC	SRPK	
CDKL5	SK361	CMGC	CDKL5	
TAO2	SK362	STE	S11E20	TAO
SYK	SK363	SYK	SYK	
TAK1	SK364	MLK	MLK	TAK1
BMPR2	SK365	STE	STKR	BMP2
TEC	SK366	TK	Tec	
TIE2	SK367	TK	Tie	
TESK1	SK368	TAI	HSK	TESK
TGFB2R	SK369	TAI	STKR	TGFB2
TIE1	SK370	TK	Tie	
TTN	SK372	CMGK	MLCK	
TLK1	SK373	Other	TLK	
TLK2	SK374	Other	TLK	

TK1	SK375	TK1	SK375
Trio	SK376	Trio	SK376
TRKA	SK377	TRKA	SK377
TRKB	SK378	TRKB	SK378
TRKC	SK379	TRKC	SK379
TRRAP	SK380	TRRAP	SK380
TTK	SK383	TTK	SK383
TXK	SK384	TXK	SK384
TYK2	SK385	TYK2	SK385
TYRO3	SK386	TYRO3	SK386
ULK1	SK387	ULK1	SK387
ULK2	SK388	ULK2	SK388
VRK1	SK389	VRK1	SK389
VRK2	SK390	VRK2	SK390
Wee1	SK391	Wee1	SK391
YES	SK393	YES	SK393
YESps	SK394	YESps	SK394
YSK1	SK395	YSK1	SK395
ZAP70	SK397	ZAP70	SK397
LZK	SK398	LZK	SK398
DDR1	SK400	DDR1	SK400
ADCK1	SK401	ADCK1	SK401
KDR	SK402	KDR	SK402
ALK7	SK405	ALK7	SK405
AurB	SK406	AurB	SK406
AurA	SK407	AurA	SK407
Erk5	SK408	Erk5	SK408
BUB1	SK409	BUB1	SK409
DDR2	SK410	DDR2	SK410
CCK4	SK411	CCK4	SK411
LIMK1	SK412	LIMK1	SK412
LMR1	SK413	LMR1	SK413
LMR2	SK414	LMR2	SK414
LMR3	SK415	LMR3	SK415
EphA7	SK416	EphA7	SK416
BMX	SK417	BMX	SK417
CTK	SK418	CTK	SK418
FRK	SK419	FRK	SK419
NEK6	SK420	NEK6	SK420
NEK7	SK421	NEK7	SK421
AAK1	SK422	AAK1	SK422
ChaK1	SK423	ChaK1	SK423
PYK2	SK424	PYK2	SK424
SRM	SK425	SRM	SK425
LOK	SK426	LOK	SK426
KHS2	SK427	KHS2	SK427
OSR1	SK428	OSR1	SK428
PAK6	SK429	PAK6	SK429
PAK4	SK430	PAK4	SK430
MST4	SK431	MST4	SK431
STLK3	SK432	STLK3	SK432
STLK5	SK433	STLK5	SK433

Gene	Protein	Protein Domains	Protein Function	Protein Interaction
STLK6	SK434	STE	STE20	SLK
TAO3	SK435	STE	STE20	TAO
TAO1	SK436	STE	STE20	TAO
ZC1/HGK	SK437	STE	STE20	ZC1
ZC2/TNIK	SK438	STE	STE20	ZC2
ZC3/MINK	SK439	STE	STE20	ZC3
ZC4/NRK	SK440	STE	STE20	ZC4
LATS1	SK441	ASC	STE20	LATS1
LATS2	SK442	ASC	STE20	LATS2
CDK11	SK443	CDK	STE20	CDK11
NIM1	SK449	DAMP	STE20	NIM1
ULK3	SK450	ULK	STE20	ULK3
CLIK1L	SK452	CLIK	STE20	CLIK1L
TTBK2	SK453	TTBK	STE20	TTBK2
SCYL1	SK454	SCYL	STE20	SCYL1
MASTL	SK455	MASTL	STE20	MASTL
PINK1	SK456	PINK1	STE20	PINK1
ULK4	SK457	ULK	STE20	ULK4
MLKL	SK458	MLKL	STE20	MLKL
DCAMKL3	SK459	DCAMKL	STE20	DCAMKL3
SgK493	SK460	Other	STE20	SgK493
PFTAIKE2	SK462	CMGC	CDK	PFTAIKE2
STK33	SK463	CAMK	CAMK	STK33
PRPK	SK464	Other	BL832	PRPK
Erk7	SK465	CMGC	CDK	Erk7
CDKL4	SK466	CMGC	CDKL	CDKL4
MARKps11	SK467	CAMK	CAMK	MARKps11
SCYL3	SK468	Other	SCYL	SCYL3
YANK3	SK469	AGO	YANK	YANK3
NEK9	SK470	Other	NEK	NEK9
TSSK3	SK471	CAMK	TSSK	TSSK3
NuaK2	SK472	CHIK	CAMK	NuaK2
RSKL2	SK473	AGC	RSKL	RSKL2
TSSK2	SK474	CAMK	TSSK	TSSK2
SCYL2	SK475	Other	SCYL	SCYL2
NEK8	SK476	Other	NEK	NEK8
MARKps26	SK477	CAMK	CAMK	MARKps26
BARK2	SK478	AGO	GRK	BARK2
NRBP1	SK479	Other	NRBP1	NRBP1
PKD2	SK480	CAMK	PKD	PKD2
YANK2	SK481	AGO	YANK	YANK2
CaMKK2	SK482	Other	CAMKK	CaMKK2
CCRK	SK483	CMGC	CDK	CCRK
CLK4	SK484	CMGC	CLK	CLK4
CRK7	SK485	CMGC	CDK	CRK7
DRAK1	SK486	CAMK	DAPK	DRAK1
DRAK2	SK487	CAMK	DAPK	DRAK2
DYRK3	SK488	AGC	DYRK	DYRK3
PKD3	SK489	CAMK	PKD	PKD3
GCN2	SK490	Other	PEK	GCN2
SgK494	SK491	AGO	RSK	SgK494
SgK495	SK492	CAMK	CAMK	SgK495

CLIK1	SK493	Other	None	
HH498	SK494	Other	None	HH498
HIPK2	SK495	CMGC	DK	HIPK
HRI	SK496	Other	PEK	
ICK	SK497	CMGC	PSK	
IRE2	SK498	Other	IRE	
PASK	SK499	ANK	CAMK	PASK
NDR2	SK500	AGC	NDR	
QSK	SK501	CAMK	CAMK	QSK
HUNK	SK502	CAMK	CAMK	HUNK
MAP3K6	SK503	STE	STE	
ZAK	SK504	AGC	MK	ZAK
MOK	SK505	CMGC	TK	
MPSK1	SK506	Other	NAK	
MSSK1	SK507	CMGC	SRP	
Whk1	SK508	Other	WHR	
CDKL3	SK509	CMGC	CDKL	
PAK5	SK510	STE	STE	PAK5
PKN3	SK511	AGC	TPK	
A6r	SK512	AMOSE	AK	
QIK	SK513	CAMK	CAMK	QIK
MARK4	SK515	ANK	ANK	MARK4
SgK496	SK516	Other	Other-496	
RSKL1	SK517	AGC	RSKL	
RSK4	SK518	AGC	RSK	RSK4
NRBP2	SK520	Other	NRBP	
SgK071	SK521	Other	Other-071	
SgK384ps	SK522	Other	PLK	
SGK2	SK523	AGC	SGK	
SSTK	SK524	CAMK	TSSK	
SGK3	SK525	AGC	SGK	
TTBK1	SK526	CK	TTBK	
DCAMKL2	SK527	CAMK	DCAMKL	
Slob	SK528	Other	Slob	
PBK	SK529	Other	TOPK	
SuRTK106	SK530	Other	RTK-106	
TBK1	SK531	Other	IKK	
TESK2	SK532	TKL	TESK	TESK2
Trad	SK533	CAMK	Trad	
TSSK4	SK534	CAMK	TSSK	
VRK3	SK535	AGC	VRK	
caMLCK	SK536	CAMK	MLCK	
SPEG	SK537	CAMK	THO	
CDK5ps	SK538	CMGC	CDK	CDK5
GPRK6ps	SK539	AGC	GRK	GPRK
MAP2K2ps	SK540	STE	STE	
CK1a2	SK541	AGC	CK	
Erk3ps1	SK542	CMGC	MAPK	ERK
MARKps18	SK543	CAMK	CAMK	MARK
KSGCps	SK544	RGC	RGC	
Wee1Bps	SK545	Other	WEE	
ANKRD3	SK546	TK	TRIPK	

MARKps16	SK547	CaMK	MARK	Y
MAPKAPKps1	SK549	CaMK	MAPKAPK	Y
MARKps19	SK550	CaMK	MARK	Y
MARKps17	SK551	CaMK	MARK	Y
PLK1ps1	SK554	CaMK	PLK	Y
MARKps20	SK555	CaMK	MARK	Y
MARKps15	SK556	CaMK	MARK	Y
PAK2ps	SK557	STE	STE20	Y
NEK5	SK558	NEK	NEK	N
PHKg1ps1	SK560	PHK	PHK	Y
MARKps12	SK561	CaMK	CaMK	Y
CK1aps1	SK562	CK1	CK1	Y
TLK1ps	SK563	One	TLK	Y
LIMK2ps	SK564	One	LIMK	Y
SAKps	SK565	One	SAK	Y
ARAFps	SK567	RAF	RAF	Y
CDK8ps	SK570	CDK	CDK	Y
SgK050ps	SK571	ROCK	ROCK	Y
CaMK1d	SK572	CaMK	CaMK	N
MAP3K8	SK573	STE	STE11	N
NEK11	SK574	NEK	NEK	N
CHK2ps1	SK575	CaMK	RAF	Y
MARKps09	SK576	CaMK	CaMK	Y
MARKps10	SK577	CaMK	CaMK	Y
GPRK7	SK578	ACG	GRK	N
MARKps13	SK580	CaMK	CaMK	Y
SgK069	SK581	One	NEK1	N
HIPK4	SK582	GGC	DYRK	N
MYO3B	SK583	STE	STE20	N
TSSKps2	SK584	CaMK	TSSK	Y
NEK2ps1	SK585	One	NEK	Y
NEK4ps	SK586	One	NEK	Y
MARKps01	SK587	CaMK	CaMK	Y
Wnk4	SK588	One	Wnk	N
PRP4ps	SK590	GGC	DYRK	Y
MARKps29	SK591	CaMK	CaMK	Y
SgK110	SK592	One	NEK1	N
MARKps22	SK594	CaMK	CaMK	Y
PHKg1ps2	SK595	CaMK	PHK	Y
SRPK2ps	SK596	GGC	SRPK	Y
Erk3ps3	SK597	GGC	MARK	Y
BRSK1	SK598	CaMK	CaMK	N
MARKps30	SK599	CaMK	CaMK	Y
TSSKps1	SK600	CaMK	TSSK	Y
Obsch	SK601	CaMK	One	N
PSKH2	SK602	CaMK	PSKH2	N
CDK7ps	SK603	GGC	CDK	Y
SIK	SK604	CaMK	CaMK	N
KSR2	SK605	TELL	RAF	N
RIOK3	SK606	ABC1	RIOK3	N
ADCK3	SK609	ABC1	ABC1A	N
RIOK1	SK615	ABC1	RIO1	N

YANK1	SK624	YANK	YANK
SNRK	SK625	CaMK	SNRK
EphA10	SK627	CaMK	EPHA
SgK196	SK628	CaMK	SgK196
Wee1ps1	SK629	CaMK	WEE1
MARKps23	SK630	CaMK	MARK
STLK6ps1	SK631	CaMK	STLK
HR1ps	SK632	CaMK	HR1
MARKps21	SK633	CaMK	MARK
CK1aps2	SK634	CaMK	CK1
CGDps	SK635	CaMK	CGD
MYO3A	SK636	CaMK	MYO3A
Erk3ps4	SK637	CaMK	ERK
CK1g2ps	SK639	CaMK	CK1g2
p70S6Kps2	SK640	CaMK	p70S6K
Wnk3	SK641	CaMK	Wnk3
PSKH1ps	SK642	CaMK	PSKH1
SgK223	SK643	CaMK	SgK223
NEK10	SK645	CaMK	NEK10
EphA6	SK646	CaMK	EphA6
CK1g1	SK647	CaMK	CK1g1
PLK1ps2	SK648	CaMK	PLK1
SgK269	SK649	CaMK	SgK269
SBK	SK650	CaMK	SBK
MARKps24	SK651	CaMK	MARK
SgK396	SK652	CaMK	SgK396
SgK288	SK658	CaMK	SgK288
MRCKps	SK660	CaMK	MRCK
KIS	SK661	CaMK	KIS
CaMK1b	SK662	CaMK	CaMK1b
PHKg1ps3	SK663	CaMK	PHK
TBCK	SK664	CaMK	TBCK
SMG1	SK665	CaMK	SMG1
MARKps02	SK672	CaMK	MARK
BRAFps	SK673	CaMK	BRAF
FLT1ps	SK674	CaMK	VEGFR
skMLCK	SK675	CaMK	MECK
STK33ps	SK680	CaMK	CaMK-unique
MAP3K7	SK681	CaMK	STE11
CLK3ps	SK682	CaMK	CLK3
MARKps03	SK685	CaMK	CaMK
Erk3ps2	SK689	CaMK	MAPK
LRRK2	SK690	CaMK	ERK
MLK4	SK691	CaMK	MLK4
Haspin	SK692	CaMK	Haspin
Trb3	SK694	CaMK	Trb3
CRIK	SK695	CaMK	CRIK
TLK2ps2	SK696	CaMK	TLK2
CaMKK1	SK697	CaMK	CaMKK1
LRRK1	SK698	CaMK	LRRK1
SgK307	SK699	CaMK	SgK307
RYKps	SK700	CaMK	RYK

MAST4	SK701	ASOC	ASOC
CaMK2d	SK703	CaMK	CaMK2
BIKE	SK704	Other	BIKE
TSSK1	SK705	CaMK	TSSK
MST3ps	SK706	Other	MST3
SgK424	SK707	Other	SgK424
TYRO3ps	SK708	Other	TYRO3
SgK085	SK709	Other	SgK085
CLK2ps	SK710	ASOC	CLK
PKCips	SK711	ASOC	PKC
ADCK2	SK712	Other	ADCK2
MNK1ps	SK713	Other	MNK1
SCYL2ps	SK714	Other	SCYL2
DAPK3	SK716	Other	DAPK3
MARKps25	SK717	Other	MARKps25
MARKps05	SK720	Other	MARKps05
Wee1B	SK723	Other	Wee1B
MARKps07	SK728	Other	MARKps07
RNAseL	SK729	Other	RNAseL
CHK2ps2	SK731	Other	CHK2ps2
VRK3ps	SK734	Other	VRK3ps
CDK4ps	SK735	CDGG	CDK4ps
MARKps08	SK736	CaMK	MARKps08
Wee1ps2	SK737	Other	Wee1ps2
BMPR1Aps1	SK738	Other	BMPR1Aps1
BMPR1Aps2	SK739	Other	BMPR1Aps2
p70S6Kps1	SK740	ACC	p70S6Kps1
MARKps04	SK742	CaMK	MARKps04
ChaK2	SK746	Antypical	Alpha
STLK6-rs	SK747	STL6	STLK6
NEK2ps2	SK749	Other	NEK2ps2
CK2a1-rs	SK750	Other	CK2a1-rs
TLK2ps1	SK751	Other	TLK2ps1
A6ps1	SK752	Antypical	AG
RIOK2	SK753	Antypical	RIO2
AlphaK2	SK754	Antypical	Alpha2
AlphaK3	SK755	Antypical	Alpha3
G11	SK756	Antypical	G11
BRD2	SK761	Antypical	BRD2
BRD3	SK762	Antypical	BRD3
BRD4	SK763	Antypical	BRD4
BRDT	SK764	Antypical	BRD7
AlphaK1	SK765	Antypical	Alpha1
A6ps2	SK766	Antypical	AG
RIOK3ps	SK771	Antypical	RIO3
TAF1	SK772	Antypical	TAF1
NEK2ps3	SK779	Other	NEK2ps3
ADCK5	SK780	Antypical	ABC1
TAF1L	SK781	Antypical	TAF1L
H11	SK782	Antypical	H11
TIF1a	SK783	Antypical	TIF1a
TIF1b	SK784	Antypical	TIF1b

TIF1g	SK785		
Domain2_JAK1	zSK185b	JAK1	N
Domain2_JAK2	zSK186b	JAK2	N
Domain2_JAK3	zSK187b	JAK3	N
Domain2_MSK1	zSK242b	MSK1	N
Domain2_MSK2	zSK243b	MSK2	N
Domain2_RSK1	zSK336b	RSK1	N
Domain2_RSK2	zSK337b	RSK2	N
Domain2_RSK3	zSK338b	RSK3	N
Domain2_TYK2	zSK385b	TYK2	N
Domain2_GCN2	zSK490b	GCN2	N
Domain2_RSK4	zSK518b	RSK4	N
Domain2_SPEG	zSK537b	SPEG	N
Domain2_Obscn	zSK601b	Obscn	N